

Water-Data Report 2008

01374620 WEST BRANCH RESERVOIR NEAR CARMEL, NY

 Lower Hudson Basin
 Lower Hudson Subbasin

LOCATION.--Lat 41°24'42", long 73°41'45" referenced to North American Datum of 1927, Putnam County, NY, Hydrologic Unit 02030101.

 DRAINAGE AREA.--42.8 mi².

WATER-QUALITY RECORDS

PERIOD OF RECORD.--

PESTICIDE DATA: 1999-2008 (b).

REMARKS.--For many of the samples collected, analysis was performed using different analytical methods. When these methods share one or more compounds, separate tables are provided so that each compound can be presented. A sampling method code of 8030 indicates a grab sample at water supply tap.

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Part 1 of 5

[Remark codes: <, less than; E, estimated.]

Date	Time	1-Naph-thol, water, filtrd 0.7u GF	2,6-Di-ethyl-aniline water, filtrd 0.7u GF	2Chloro '2',6'-diethyl acet-anilide wat flt	2-Ethyl methyl-chloro-aniline CIAT, water, filtrd,	4-Chloro- 2methyl phenol, water, filtrd, filtrd,	Aceto-chlor, water, filtrd, filtrd,	Ala-chlor, water, filtrd, filtrd,	Atra-zine, water, filtrd, filtrd,	Azin-phos-methyl oxon, water, filtrd 0.7u GF	Azin-phos-methyl, water, filtrd 0.7u GF
		μg/L (49295)	μg/L (82660)	μg/L (61618)	μg/L (04040)	μg/L (61620)	μg/L (61625)	μg/L (61633)	μg/L (49260)	μg/L (46342)	μg/L (39632)
May 21...	1115	<.04	<.006	<.010	<.014	<.010	<.006	<.005	<.02	<.02	<.007
Jul 08...	1100	<.04	<.006	<.010	E.006	<.010	<.006	<.005	<.02	<.02	E.005
Sep 23...	1200	<.04	<.006	<.010	E.004	<.010	<.006	<.005	<.02	<.02	E.005

01374620 WEST BRANCH RESERVOIR NEAR CARMEL, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 2 of 5

[Remark codes: <, less than; E, estimated.]

Date	Ben-flur-alin, water, filtrd 0.7 u GF	Car-baryl, water, filtrd 0.7 u GF	Chlor-pyrifos oxon, water, filtrd μg/L (82673)	Chlor-pyrifos water, filtrd, μg/L (38933)	cis-Per-methrin water, filtrd 0.7 u GF	Cyflu-thrin, water, filtrd, μg/L (82687)	Cyper-methrin water, filtrd, μg/L (61585)	DCPA, water, filtrd 0.7 u GF	Desulf-inyl-fipro-nil, water, filtrd, μg/L (62170)	Diazi-non, water, filtrd, μg/L (39572)	Dicrop-tophos, water, filtrd, μg/L (38454)	Diel-drin, water, filtrd, μg/L (39381)	Dimeth-oate, water, filtrd 0.7 u GF
May 21...	<.010	<.060	<.06	<.005	<.010	<.016	<.014	<.003	<.012	<.005	<.08	<.009	<.006
Jul 08...	<.010	<.060	<.06	<.005	<.010	<.016	<.014	<.003	<.012	<.005	<.08	<.009	<.006
Sep 23...	<.010	<.060	<.06	<.005	<.010	<.016	<.014	<.003	<.012	<.005	<.08	<.009	<.006

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 3 of 5

[Remark codes: <, less than; E, estimated.]

Date	Ethion monoxon water, filtrd, μg/L (61644)	Ethion, water, filtrd, μg/L (82346)	Fenami-phos sulfone water, filtrd, μg/L (61645)	Fenami-phos, water, filtrd, μg/L (61646)	Fenami-phos, water, filtrd, μg/L (61591)	Desulf-inyl-fipro-nil, water, filtrd, μg/L (62169)	Fipro-nil sulfide water, filtrd, μg/L (62167)	Fipro-nil sulfone water, filtrd, μg/L (62168)	Fipro-nil water, filtrd, μg/L (62166)	Fonofos water, filtrd, μg/L (04095)	Hexa-zinone, water, filtrd, μg/L (04025)	Ipro-dione, water, filtrd, μg/L (61593)	Isofen-phos, water, filtrd, μg/L (61594)
May 21...	<.02	<.006	<.053	<.20	<.03	<.029	<.013	<.024	<.020	<.010	<.008	<.01	<.006
Jul 08...	<.02	<.006	<.053	<.20	<.03	<.029	<.013	<.024	<.020	<.010	<.008	<.01	<.006
Sep 23...	<.02	<.006	<.053	<.20	<.03	<.029	<.013	<.024	<.020	<.010	<.008	<.01	<.006

01374620 WEST BRANCH RESERVOIR NEAR CARMEL, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 4 of 5

[Remark codes: <, less than; E, estimated.]

Date	Mala-oxon, water, fltrd, µg/L (61652)	Mala-thion, water, fltrd, µg/L (39532)	Meta-laxyl, water, fltrd, µg/L (61596)	Methid-athion, water, fltrd, µg/L (61598)	Methyl para-oxon, water, fltrd, µg/L (61664)	Methyl para-thion, water, fltrd, 0.7u GF (82667)	Metola-chlor, water, fltrd, µg/L (39415)	Metri-buzin, water, fltrd, µg/L (82630)	Myclo-butanol, water, fltrd, µg/L (61599)	Pendi-meth-alin, water, fltrd, µg/L (82683)	Phorate oxon, water, fltrd, µg/L (61666)	Phorate water, fltrd, µg/L (82664)	Phosmet water, fltrd, µg/L (61668)
May 21...	<.020	<.016	<.007	<.004	<.01	<.008	<.02	<.012	<.010	<.012	<.03	<.040	<.05
Jul 08...	<.020	<.016	<.007	<.004	<.01	<.008	<.02	<.012	<.010	<.012	<.03	<.040	<.05
Sep 23...	<.020	<.016	<.007	<.004	<.01	<.008	<.02	<.012	<.010	<.012	<.03	<.040	<.05

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 5 of 5

[Remark codes: <, less than; E, estimated.]

Date	Phosmet water, fltrd, µg/L (61601)	Promo-ton, water, fltrd, µg/L (04037)	Promo-tryn, water, fltrd, µg/L (04036)	Propy-zamide, water, 0.7u GF (82676)	Simazine, water, fltrd, µg/L (04035)	Tebu-thiuron, water, fltrd, 0.7u GF (82670)	Ter-bufos, sulfone water, fltrd, µg/L (61674)	Terbu-fos, water, fltrd, 0.7u GF (82675)	Ter-buthyl-azine, water, fltrd, µg/L (04022)	Tribu-phos, water, fltrd, µg/L (61610)	Tri-flur-alin, water, fltrd, µg/L (82661)	Di-chlor-vos, water, fltrd, µg/L (38775)	Sam-pling method, code (82398)
May 21...	<.008	<.01	<.006	<.004	<.006	<.02	<.04	<.02	<.01	<.035	<.009	<.01	8030
Jul 08...	<.008	<.01	<.006	<.004	<.006	<.02	<.04	<.02	<.01	<.035	<.009	<.01	8030
Sep 23...	<.008	<.01	<.006	<.004	<.006	<.02	<.04	<.02	<.01	<.035	<.009	<.01	8030

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 1 of 5

[Remark codes: <, less than.]

Date	Time	2,4-D methyl ester, water, fltrd, µg/L (50470)	2,4-DB, water, fltrd, µg/L (39732)	CIAT, water, fltrd, 0.7u GF (38746)	CEAT, water, fltrd, µg/L (04040)	OIET, water, fltrd, µg/L (04038)	Hydroxy carbo-furan, wat flt (50355)	Aci-fluor-fen, water, fltrd, µg/L (49308)	Aldi-carb sulfone, wat flt, µg/L (49315)	Aldi-carb oxide, wat flt, µg/L (49313)	Aldi-carb sulfide, wat flt, µg/L (49314)	Aldi-carb water, fltrd, µg/L (49312)	Atra-zine, water, µg/L (39632)
Jul 08...	1105	<.040	<.02	<.02	<.06	<.08	<.040	<.040	<.040	<.08	<.060	<.12	<.040

01374620 WEST BRANCH RESERVOIR NEAR CARMEL, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 2 of 5

[Remark codes: <, less than.]

Date	Barban, surrog, Sched. 2060/ 9060, wat flt % recvy (90640)	Bendio- carb, water, fltrd, μg/L (50299)	Benomyl water, fltrd, μg/L (50300)	Bensul- furone, methyl, water, fltrd, μg/L (61693)	Ben- tazon, water, 0.7u GF μg/L (38711)	Broma- cil, water, fltrd, μg/L (04029)	Brom- oxynil, water, fltrd, μg/L (49311)	Caf- feine, water, fltrd, μg/L (50305)	Car- baryl, water, fltrd, μg/L (49310)	Carbo- furan, water, fltrd, μg/L (49309)	Chlor- amben, methyl, water, fltrd, μg/L (61188)	Chlori- muron- ethyl, water, fltrd, μg/L (50306)	Clopyr- alid, water, fltrd μg/L (49305)
Jul 08...	77.0	<.04	<.040	<.06	<.04	<.02	<.12	<.060	<.04	<.020	<.10	<.080	<.06

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 3 of 5

[Remark codes: <, less than.]

Date	Dacthal mono- acid, water, fltrd, 0.7u GF μg/L (04031)	Dicamba water, fltrd 0.7u GF μg/L (49304)	Di- chlor- prop, water, fltrd 0.7u GF μg/L (38442)	Dinoseb water, fltrd 0.7u GF μg/L (49302)	Diphen- amid, water, fltrd 0.7u GF μg/L (49301)	Diuron water, fltrd 0.7u GF μg/L (04033)	Fenuron water, fltrd 0.7u GF μg/L (49300)	Flumet- sulam, water, fltrd 0.7u GF μg/L (49297)	Fluo- meturon water, fltrd 0.7u GF μg/L (61694)	Imaza- quin, water, fltrd 0.7u GF μg/L (38811)	Imaze- thapyr, water, fltrd, 0.7u GF μg/L (50356)	Imida- cloprid water, fltrd, 0.7u GF μg/L (50407)	
Jul 08...	<.02	<.02	<.04	<.02	<.04	<.04	<.04	<.04	<.06	<.04	<.04	<.04	<.060

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 4 of 5

[Remark codes: <, less than.]

Date	Linuron water, fltrd 0.7u GF μg/L (38478)	MCPA, water, fltrd 0.7u GF μg/L (38482)	MCPB, water, fltrd 0.7u GF μg/L (38487)	Meta- laxyl, water, fltrd 0.7u GF μg/L (50359)	Methio- carb, water, fltrd 0.7u GF μg/L (38501)	Meth- omyl, water, fltrd 0.7u GF μg/L (49296)	Metsul- furon- methyl, water, fltrd 0.7u GF μg/L (61697)	Chloro- phenyl) -N'- methyl- urea, water, fltrd, 0.7u GF μg/L (61692)	Neburon water, fltrd 0.7u GF μg/L (49294)	Nico- sul- furon, water, fltrd 0.7u GF μg/L (50364)	Norflur- azon, water, fltrd 0.7u GF μg/L (49293)	Ory- zalin, water, fltrd 0.7u GF μg/L (49292)	Oxamyl, water, fltrd 0.7u GF μg/L (38866)
Jul 08...	<.02	<.06	<.06	<.02	<.040	<.120	<.14	<.12	<.02	<.10	<.02	<.04	<.12

01374620 WEST BRANCH RESERVOIR NEAR CARMEL, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 5 of 5

[Remark codes: <, less than.]

Date	Pic-	Propi-	Pro-	Sulfo-	met-	Tebu-	Terba-	Tri-		
	loram, water, filtrd 0.7u GF μg/L (49291)	Propham water, filtrd 0.7u GF μg/L (49236)	conazole, water, filtrd, 0.7u GF μg/L (50471)	poxur, water, filtrd, 0.7u GF μg/L (38538)	uron-methyl, water, filtrd, 0.7u GF μg/L (38548)	ruron-methyl, water, filtrd, 0.7u GF μg/L (50337)	thiuron water, filtrd, 0.7u GF μg/L (82670)	cil, water, filtrd, 0.7u GF μg/L (04032)	clopyr, water, filtrd 0.7u GF μg/L (49235)	Sam- pling method, code (82398)
Jul 08...	<.12	<.040	<.04	<.040	<.02	<.060	<.040	<.040	<.08	8030